BIG ALTA TUNNEL

Work Now Being Prosecuted With New Electrical Power Equipment.

BLUE LIME VERY HARD

Work Nearing Contact Where Good Streak of Ore Seems Probable.

For the time being the Alta tunnel up the Silver fark of Big Cottonwood has lost interest for its superintendent Roy L. Mack, his attention being taken up exclusively by the discovery at the D. S. hospital of a seven-pound specinicu of pinkness and whiteness which arrived early Thursday morning. It is a y and the mother is doing nicely,

At the time of Mr. Mack's departur from Silver fork the tunnel of the Alta Cunnel & Transportation company was it fit feet from the portal. This last 100 feet had been driven by Mr. Mack and his men with the electrical power equipment put in late last fall.

The company created its own power line a mile and a half long, which con nects with the Utah Power & Light com needs with the Utah Power & Lagri com-pany's high-tension line to the Solitude tunnel. The voltage is sufficient to ener-gize a 50-horsepower motor, which in turn operates a six-drill Sullivan air compres-ser in the engine room of the Alta plant. Of the work at the tunnel Superin-tendent Mack said:

Are Nearing Contact.

Are Nearing Contact.

All of our work has been in blue lime of extraordinary hardness and progress has not been as rapid as we desired, but we are nearing a contact through which we shall pass into a softer lime formation and, I hope, into a good streak of ore.

The company has placed no rellance on the discovery of ore for the first thousand feet, being assured of a high return on its investment when it becomes able to furnish drainage and transportation for the rich mines of eastern Alla and a large flow of water to Sait Lake City, but it has begun to look as if we might be agreeably surprised within the next 100 feet.

ably surprised within the next 100 feet.

When I left the tunnel the face was streaked with seams of manganese which, as you know is so often associated with ore in the Wasatch range. All the conditions are favorable for the occurrence of mineral. On the surface, 240 feet above the breast of the tunnel, there is evidence of mineralization in the blue-white lime contact, the springs in Silver fork frequently bring up small particles of good ore and several of the rich veins in the hill above Alta bear northeast in the direction of our tunnel site.

northeast in the direction of our tunnet site.

But, whether ore is found or not,
the tunnel is now in shape to accomplish what the mine owners of Alta
have talked about for the last thirty
years—crosscut all the famous veins
on a hortzon 800 feet or more below
the level at which the miners were
stopped by water. The tunnel can do
this by continuing on its present
course for one mile.

Initial Difficulties Overcome.

F. V. Bodfish, the president and general manager of the company, has overcome all the initial difficulties in the way of deep mining at Alta and found them much less formidable than they appeared to the many operators who have proposed and abandoned similar enterprises.

prises.

A good road with easy grade, well protected buildings, power, machinery, water, electric light, telephone, supplies and 444 feet of tunnel have been provided and it would seem that nothing more would be required to complete this underground railroad to the waiting ore channels except labor and time.

channels except labor and time.

So far the company has been able to employ only one shift, but the success of the project seems so well assured that little difficulty is expected in obtaining capital to operate the machinery up to its capacity and shorten the interval of waiting for returns.

The tunnel will penetrate the first of a number of porphyry dykes that hold back the water, within 400 feet, and this will give it what may be properly called a "liquid asset," in view of the urgent need of the city for an enlarged water supply.

Million-dollar Dividend.

Kennecott Mines Co., operating the Bonarza Copper mines in Alaska and controlled by the Morgan-Guggenheim syndicate, has declared and paid a \$1,000,000 dividend. This brings the total distribution since 1910 to \$5,000,000.

Boston Mining Stocks.

James A. Pollock & Co., investment obers, 169 South Main street, furnish e following, received over their private ire yesterday afternoon; BOSTON COPPER RANGE.

	Asta L	
12	16	16
344	33à 67à	332
68	671	674
11	- 1	1.0
391	261	351
24	124 124 835	94
1.4	1.	17
127	124	121
85	834	85
404	393	397
21	182	21
6 1	398 188 58	54
174	17	17
12	18 39 168	1
341	34	31
164	162	161
0 1		
	29	293
2.4	- 45	100
7.653	195	194
25	191	2.2
54	51	51
423	419	433
482	481	48
101	97	101
206	204	204
201	203	204
	201	105 104 55 54 424 418 432 418 104 92 206 205 208 208

BOSTON COPPER	CLOSE	
	Bid.	Asked.
Swift	1063	107
Ahmeek	285	300
Calumet & Hecla	432	435
Osceola	7.9	80
Shannon	65	67
Chipo		417
Miami	272	2.4
Olipway	71	- 4
Superior & Boston	95	9.28
Nevada-Douglas	1 9-16	1 15-16
Oneco	1 1-16	
Stewart	1 5-16	
United Fruit	1678	
Allouez	26	284
Centennial		1 400
Old Colony	-100	1.0
Quincy	644	000
Shattuck	281	1912
Butte & Balaklava	31	-01
Tuelumne	65	1.2
Majestle	24	10
Tamarack	211	010
Winona		011
Alaska	777	027
	1 2 2	245
Utah Apex	572	1 2
Cactus	11	95
Eagle & Blue Bell	652	00
Ohlo	41	234
Varde	9.6	5.2

ROY L. MACK, who is superintending the driving of the Alfa Tunnel and Transportation company's big tunnel to tap East Alta mines at



SHORTAGE OF WATER AT COPPER CANYON

C. R. Greene, who operates the Tar Baby property in the Cottonwood dis-trict when the snow inn't too deep up there, has just returned from a trip to Battle, Mountain, Nev., where he went to visit the Copper Canyon placer district.

Battle, Mountain, Nev., where he went to visit the Copper Canyon placer district.

Copper Canyon is located about thirty miles west of Battle Mountain and takes it name from the surface showings of copper it contains and from an oid copper mine once operated there, but now inactive. The placer ground is located at the mouth of the canyon and the pay dirt is found at bedrock, which lies from twenty to sixty feet below the surface. The gold seemingly lies for the most part in channels or streaks of from one to three feet wide, running down the mountain. Sometimes a shart will strike bedrock with little or no gold showing and a crosscut may in a few feet encounter a very rich streak.

Mr. Greene says the whole country for a long distance all around the mouth of the canyon has been located, so there is no chance for further locations. He also says there are more men in the district than can find work.

The Christensen property is the principal one operating there. The Christensens have a large area located and have sunk eight or ten shafts. They are now working at three of these shafts and are washing gravel from one claim by hauling water five or six miles to do it. They are said to be, despite this handleap, taking out enough gold to pay for the work they are doing on the other properties. They found one nugget worth \$120. They began their work here about a year ago. There are a number of other claims being worked on a smaller scale.

The absence of water is a heavy handicap, there being none at this season and very little even in the spring and early summer, when the snows are melting.

EXPORTS OF COPPER SHOW AN INCREASE

James A. Pollock & Co. received the

Copper exports for the week ended January 22 totaled \$222 tons; since January 1, 25,217 tons; for the same period a year ago, 17,967 tons. The copper metal market shows signs of strengthening, 60,000,000 pounds having been sold this week at 14½ cents, and customers are inquiring freely for round lots.

TO ELECT DIRECTORS OF EXCHANGE TODAY

The annual meeting of the members of the Sait Lake Stock and Mining exchange will be held this afternoon at 1 o'clock for the election of directors for the ensuing fear.

Because of the greatly increased activity on the exchange of late, it is expected there will be a large attendance.

Nevadas in San Francisco.

James A. Pollock & Co., investment brokers, 169 South Main street, furnish the following, received over their private wires yesterday: Bid. Asked.

Blue Bull C. O. D. Combination Fraction		2 .13
Booth	.03	.04
Blue Bull	.05	.06
C. O. D	-04	.05
Combination Fraction	-11	.12
Dalsy Diamondfield B. B	.03	
Diamondfield B. B	0.3	.03
Florence	76	177
Goldfield Consolidated	1.673	1.70
Florence Goldfield Consolidated Kewanas	.05	.06
Jumbo Extension Lone Star	20	.21
Lone Star	61	.02
Merger Mines	.15	
Oro Silver Pick Consolidated	.13	.14
Silver Pick Consolidated	.04	.07
Yernal Yellow Tiger	.04	.06
Yellow Tiger	.] .01	.02
Manhattan district-		100
Big Four Dexter Union Manhattan Consolidated	.13	
Dexter Union	*******	-02
Manhattan Consolidated	.) .04	.05
Manhattan Dexter	01	-02
White Caps	.07	-02 .05 .02
Comstock district-		5000000
Consolidated Virginia	-1 -13	.19
Hale & Norcross	.07	*****
Manhattan Consolidated Manhattan Dexter White Cape Comsolidated Virginia Hale & Norcross Mexican Ophir Savage		1.20
Opnir	-17	.18
Savage	.09	1×1+1+1
Sierra Nevada	08	.00
Ophir Savage Sierra Nevada Union Tonopah district— Belmont Eoston Cash Boy Gipsy Queen	09	.10
Tonopan district—	1 - 3	
Parter	.] 7.75	
Cook Day		.03
Circu Ouern	08	.09
Gipsy Queen	.03	.05
Lalling	The service	.52
Toponal Manros		1.20
Midway	141111111	-66
Mon Pitta Pytanulon	-41	.43
Montage	- 07	.08
Migrah Extension	1.10	******
MacNamara	-48	******
North Stor	-10	-11
Rescue Eula	1 33	-44
Tononah Extension	-14	1.5
West End	1 25	
Jim Butler Hallfax Tonopah Merger Midway Mon. Pitta. Extension Montans Mixpah Extension MacNamara North Star Rescue Eula Tonopah Extension West End Other districts—	1.60	1.37
Pitts. Silver Peak Nevada Hills	1 20	1/2
Nevada Hills	1 25	.63
	4 VR.2	-63

Ore Shipments.

The Utah Ore Sampling company yes terday released six carloads of ore from Utah mines and one from Nevada.

Mining Notes

Mining Notes.

The Big Four Gold Mining company has elected officers and directors as follows.

B. F. Parker, president, D. C. Phelster, vice president, A. B. Parker, secretary and treasurer. These, with J. Solomon, Charles Robertson and A. Maxwell, constitute the directorate, with the exception of the secretary, who is not a director.

ARE YOU GOING

To California Jan. 317 \$35.00 round trip, Salt Lake route. Ticket office 10 East 3rd South. (Advertisement.)

SPECTACULAR RISE OF KING COALITION DISCOVERY IS MADE CONSTRUCT TRAMWAY

Stock Advances Nearly Thirty Rich Find Near Fonita, Also Lets Contract for Driv-Points Over Previous Day's Price.

Business on the local stock and minng exchange was heavier yesterday than has been for more than a month, and it looks as though the long-expected and nuch-desired revival had come to stay. Silver King Coalition was the especial

spectacular feature of the day, adcancing in three separate transactions rom \$3.70 to \$3.75 and \$3.85. The highest sale the previous day was at \$3.60. Silver King Consolidated advanced to \$1.20 on a sale of 500 shares, and Iron Blossom sold in three separate transac-Blossom sold in three separate transactions at \$1.15. A 500-share block of Daly went at \$1.25, and there were three sales of Victoria Consolidated, ranging from 405 cents to 415 cents.

The market was very active and the feeling is excellent. The day's business footed up transfers of 34,103 shares, which sold for a consideration of \$5594.08. Closing equations were as follows:

Constant and the second second	Bid.	Anked
Thompson-Quincy Rico Wellington Central-Standard Alta Consolidated Federal Ely South Heela Demijohn Consolidated	.17 .12 .073 .049 .006	\$.19 .09 .05 .01 .07

1	ISTEL	STOC	KS.	
A. M.				
Addie Beck T Bing Am Bilk Jack Carlsa Cedar T Colo Min Crown Pt Daly-J E Prince E & B Bell E Cr Point E Tin Con E Tin Dev Emerald G Thomas G Chain Gr Cent Ind Queen Iron Blos Iron King J Bowers J Bowers	Bid.	Asked.	Bid.	Asked.
Addie	\$	\$.10	\$	\$.10
Beck T	.051	.07	.059	.061
Bing Am	.032	06	-03%	******
Bik Jack	.07	.08	.075	.09
Carisa		.08	N - 113	.08
Cedar T		.00%	.001	.004
Colo Min	.11	1339	-12	.13
Crown Pt.	.01	.013	.01	014
Daly-J	5.30	5.75	8.44	3.65
Daly	1.20	1.25	1.25	1.00
E Prince	TARREST.	.003	********	.00%
E & B Bell	.95	1.05	.90	-20
E Cr Point.				-004
E Tin Con.	erences.	FREEZE	******	.006
E Tin Dev.			2004	
Emerald	.028	43.00	.025	*****
G Thomas	******	.05	10000000	
G Chain	.16	20	-109	-19
Gr Cent	.59	.56	-49	84.
Ind Queen .	FR35523	.004		******
Iron Blos	1.125	1.15		*****
Iron King	******	.03	*****	Secretary.
J Bowers .		-02		****
Keystone	*****	08		-08
King Wm .	-033	-06	.03	.05
Iron Blos Iron King. J Bowers Keystone King Wm Lead King Lead King Leht Tin Lit Bell Low Mam. Musgrove Mammoth Mazon Val May Day Min. Flat Mt Lake Nev Hills N York Ohio Cop Opohongo P Idaho Plutus Prince C	011	******		001
Leht Tin	-004	-003	.001	-009
Lit Bell	.10	-30	******	******
Low Mam	.01	014	.01	-019
Musgrove .		-10		.10
Mammoth	.10	regrass.	.10	******
Mason Val.	8.00	3.75		074
May Day	⇒09	.051	>00	-003
Min. Flat	hentaasi	.02	11111211	- 92
Mt Lake	.01	- 93	101	-03
Nev Hins	02	.70	40	100
N YORK	100 000	-10	2004	-10
Onia Cop	0.00	023	02	021
Oponongo	192	-1120	01 40 001 38 02	0.25
P idano		- 85	050	60
Pultus +		-08	.059	.20
Prince C	001	000	002	1000
Rexail	.002	-004	1003	2.90
Seven II .	4 65	2 70	0.02	2.00
S K Coan.	3.00	7 0071	3.110	2.90
Slove C	1.172	1.220	1.1/5	1.224
Sman Con	001	013	000	01.1
Tie Con.	-004	-012	002	-011
Tin Cent	1002	101	.001	.01
Crale Car	-004	+00.9	-003	.01
Uncle Sam.	-00	.07	.05	-08
The Con	.001	100 \$.001	1007
P Idaho Plutus Prince C Rexail Seven Tr S K Coall S K Con Sloux C Swan Con. Tin Cent U Tintic Uncle Sam Utah Con. Un Chief Victor C Victoria C.	-002	.014	-002	.01
Victor C	-01	-03	.02	. 0.2
Victoria C.	99	- 408	1405	.41

Uncle Sam. Utah Con. Un Chief Victor C Victoria C Wilhert Yankee C	.001 .001 .002 .01 .40 .02	.07 .003 .011 .03 .405 .072	.001 .001 .002 .02 .401 .02	.00 .01 .03 .41
	INDUS	TRIAL	S.	711-2-0
	Bid.	Asked.	Bid.	Asked
U-Ida Sug . Z C M I	5.50	6.50	\$85.00	\$90,00 6,50 400,00
Am Fuel Cas Val C Ind C & C.			1.00	3.50 1.75
	.90			1.25 1.25 250.00
Cont Life	15.60	16.25	115.00	16.50

FORENOON SALES. Iron Biossom, 3 at \$1.15. Prince Consolidated, 500 at 18±c. Union Chief, 1000 at 1c. Victoria Consolidated, 100 at 40±c. Shares sold, 1803. Selling value, \$110.45.

OPEN BOARD. Beck Tunnel, 500 at 6c.
Cedar-Tallsman, 10,000 at ½c.
Silver King Coalition, 200 at \$2.70, 100
t \$3.75; 100 at \$3.85.
Silver King Consolidated, 500 at \$1.20.
Shares sold, 15,500
Selling value, \$2752.50.

AFTERNOON SALES. Colorado, 500 at 12gc. Daly, 500 at \$1.25. Iron Blossom, 550 at \$1.15. Victoria Consolidated, 200 at 40gc. Shares sold, 1750. Selling value, \$1401.

OPEN BOARD Cedar-Talisman, 5800 at ic. Iron Blossom, 900 at it. Lehi Tintic, 6250 at ic. Union Chief, 1000 at ic. Victoria, 200 at 41c. 100 at 41c. Shares sold, 15,250. Selling value, \$1240.13.

Ore and Bullion.

McCornick & Co., bankers, announced the receipt of ore yesterday valued at \$70,000, and builton shipped valued at \$55,000, a total movement for the day of \$125,000.

Metal Market.

Metal prices quoted in yesterday's mar-ket were as follows: Silver, 575 cents; lead, \$4.16; copper, \$13.775.

New York Mining Stocks.

James A. Pollock & Co., investment brokers, 169 South Main street, furnish the following, received over their private wire vesterday afternoon:

NEW YORK LISTED STOCKS Sales, H. L. Clse Utah Copper Studebaker com ... Alaska Gold

NEW YORK CURE RANGE. Sales. H. L. Cise First National Cop

700 78 72 100 11 11 8,000 60 50 5,000 71 72 100 12 12 100 12 12 100 12 12 100 12 12

NEW CARNOTITE ORE SANTAQUIN KING TO

Wayne County, Eighty Miles From Richfield. of Tunnel.

100 TONS BLOCKED OUT

Two Tons Freighted to Richfield; Declared Very 'High Grade.

S. W. Mulberry, prospector, who has ramped the hills and mountains of the Rocky mountain region for a generation, but who is now a resident of this city, has discovered a fine veln of carnotite ore in a new field two and a hald miles southeast of Fonita, Wayne county. has not only found the ore, but has taken out and had freighted eighty miles to Richfield, seventy-six sacks or about two tons of it. He arrived here Friday, bringing with him 100 pounds of it for testing by a local assayer.

The outerop is found near the head of Grand Wash, which is tributary to the Premont river, a branch of the Colorado, The veln so far as examined, is irregular and wavelike in its formation, varying from six inches to perhaps four feet in thickness, but is continuous. The geological formation differs from that where carnotite ores are found further east in Utah and in Colorado in that here there is a seventy-five foot stratum of blue clay, which is absent in the other places referred to.

Underlying the clay is twenty feet of white sandstone, which forms the hanging wall of the carnotite veln, the footwal consisting of a heavy stratum of red sandstone. In the clay and sometimes imbedded in the sandstones is found much petrified wood and what seems to be charcoal. to Richfield, seventy-six sacks or about

imbedded in the sandstones is found much petrified wood and what seems to be charcoal.

Mr. Mulberry for himself and N. C. Bailinger and other Salt Lake associates, bus located eleven claims on the outcrop of the vein on both sides of the canyon and where in dippling at an angle of forty-five degrees to the east it pitches beneath the floor of the canyon. Development has been secured by two tunnels, crosscuts and a drift on the vein and about 100 tons of the ore blocked out. Previous assays show the ore to run from 2.3 to 13 per cent uranium ore and some of it as much as five per cent copper, with a little each of pitchblende, gold and silver.

Mr. Mulberry has a theory that this vein is entirely distinct from the veins of carnotite ore found further east in Utah, and in Colorado. Each field is something like fifty or sixty miles from the other. All three fleids are alike, however, in the pocketty character of the better grades of the ore.

The freighting of the two tons of ore to Richfield cost Mr. Mulberry \$50. An excellent sample of the better grade was left at this office.

Mr. Mulberry is very much opposed to

excellent sample of the better grade was left at this office.

Mr. Mulberry is very much opposed to the withdrawal by the government of the carnetite mineral lands and says it would greatly injure Utah and Colorado by completely stopping prospecting and greatly rotarding development.

The location from which this ore comes is a new carnotite field and Mr. Mulberry's claims are the only ones located there so far, but he says that as he was coming out he met seven outlits going into the rew field.

NEW VEIN IS CUT AT ROUND MOUNTAIN

feet, and imas shown a width varying from twelve inches to over three feet, of an average value of \$20 a ton. The vein has also been opened up by a series of raises for a length of 200 feet, and drifting on it in a northwesterly direction is now in progress, the face of the drift showing about three feet of excellent grade ore.

commence in about two months, will be still more successful, as the canyons from which the water supply is obtained are reported to be full of snow, indicating an increased supply of water, and operations will be conducted on a more extensive scale than last season.

Thomas & Soule have moved their law office from Judge building to 917-18-19, Boston building.
(Advertleement.)

ASSESSMENT NO. 2.

The Saint Mary's Mining company, a corporation. Principal office for the state of Utah, room 331 Judge building. Sait Lake City, Utah.

Notice is hereby given that by resolution of the board of directors of the Saint Mary's Mining company, duly considered and adopted on the 18th day of September, 1913, an assessment of two (2) cents per share was levied and assessed on the outstanding capital stock of said corporation, payable immediately to Saint Mary's Mining company, at room 601 Providence building, Duluth, Minnesota.

CHICAGO, Jan 23.—Hogs—Receipts, 23,000. Market, steady. Mixed. \$5.100. \$25. heavy. \$8.50@8.50. rough, \$8.100. Cattle—Receipts, 15,000. Market, steady. Beeves, \$6.80@8.10. Texas steers, \$6.80@ sers and feeders, \$5.40@8.20; cows and lefters. \$3.60@8.50; western, \$5.00@8.15; yearlings, \$5.80@7.25; lambs, native, \$6.90@8.10; western, \$7.00@ \$10.

By an order passed this 8th day of November, 1913, by the directors of above-named company, the date of sale of delinquent slock is extended from 20th day of November to 19th day of December, 1913.

PAUL M. T. THOMPSON,

By an order passed this twenty-second day of November, 1913, by the directors of the above-named company, the date of saie of delinquent slock is extended from the tenth (19th) day of December, 1913, to the twentieth (20th) day of January, 1914.

PAUL M. T. THOMPSON, Secretary.

By an order passed this 2nd day of January, 1914, by the directors of the above-named company, the date of sale of delinquent stock is extended from the 26th day of January, 1914, to the 23rd day of February, 1914.

PAUL M. T. THOMPSON,

ing One Hundred Feet

L. A. Martin is still at the Santaquin King mine and writes that contracts have been signed for the installation of a tramway and driving 100 feet in the tunnel. Mr. Martin says the bedding system is being thoroughly explored and that samples have been taken and the assays show 8 ounces silver, 51 per cent lead and 9.2 per cent iron.

The outlook is so encouraging that in addition to the contract work he has a force of men working on company ac-

count, His letter continues; In the face of the main tunnel the

In the face of the main tunnel the ore is silver-lead and is about five feet in width. It is of medium grade, but of a shipping quality. Have just let a contract for the extension of this tunnel 100 feet. The dimensions to be four feet wide in the clear by six and one-half feet high, price to be \$6.50 per foot; work to begin immediately and to be completed within ninety days at the outside. This is as low a price as the tunnel can be run for in a workmanlike manner, and I consider the contract a good one for the company. While this work is being performed, other men can be engaged in blocking out the ore and following the ore-bearing beddings.

The fissure is one of the most prominent ever found in the district. It has a course of 40 to 45 degrees south of cast, or almost true southeast, and has been opened from 400 to 500 feet on the surface, both below and above the tunnel. Our present depth is now practically 200 feet. The fissure has so far cut every formation it has encountered, though some of the lime beddings have been durable enough to marrow the ore, and especially on the hottom of the drift. These, however, are only of temporary duration and from every indication the production from this fissure should be almost phenomenal. A continuation of the work on this lissure is the most feasible and the only practical course of procedure, in my opinion, the idea being to continue on the fissure and to block out in the future, as in the past, on at least three sides of the ore encountered. The lack of transportation facilities is all that prevents the mine from

in the future, as in the past, on at least three sides of the ore encountered.

The lack of transportation facilities is all that prevents the mine from paying its way, or even making good profits, at this time. On January 12, 1914, a contract was signed with the Utah Industrial Transportation company to install, at its own expense, its monorall system of railways, to transport the ore from the mine to the railroad. This will give us excellent transportation at exceedingly low cost per ton. They have confidence enough in your property to expend at least \$35,000 to build this road, and it is hard to estimate, even approximately, how much the building of this road will enhance the value of your property. It is my earnest desire that we continue blocking out the ore, placing it in a position for shipment from now until July 1. This ought to give the company a most excellent tonnage from the start, and it is certainly advisable, even though an assessment of, say, one-fourth cent per share would be necessary to carry out the plan. The railroad company is to erect the line at its own expense, thus placing the company in a position where it can use all its resources in blocking out tonnage and continuing the development of the ore bodies.

SNEFFELS, Colo, A. J. Walsh wai

SNEFFELS, Colo. A. J. Walsh was R. H. Ernest, superintendent of the Round Mountain Mining company, was in Tonopan this week, and stated that the mine is showing great improvement and two new splendld ore bodies have recently been opened up in the property, says the Tonopan Miner.

One of these is known as vein 471 and was encountered in a southwest crosscut from the 450-foot level of the mine at a point about 600 feet southwest of the main workings on that level. This vein has been drifted on for a length of 250 feet, and has shown a width varying (the never-substitutors," five (5) the never-substitutors five (5) good stores. (Advertisement.)

LIVESTOCK QUOTATIONS.

drift showing about three feet of excellent grade ore.

The mine throughout is in splendid physical condition. In the workings from the main incline working shaft, the continuation of the ore shoot from the 700-foot level to the 200-foot level has now been proved where it faulted into a footwall of the vein. Drifting on it has been started, and a good grade of mill ore is being developed.

Placer operations at Round Mountain last season were most successful, a gross output of about \$100.000 having been made by Dave Llewellyn and associates from a very small acreage, and indications are that the next season, which will commence in about two months, will be still more accessed.

Kansas City.

KANSAS CITY. Jan. 23.—Hogs—Receipts, 5300. Market, steady Bulk, \$5.00 @8.35; heavy, \$8.30@8.40; packers and butchers, \$8.15@8.35; light, \$7.80@8.20; pigs, \$6.75@7.50

Cattle—Receipts, 500. Market, strong Prime-fed steers, \$8.50@9.25; dressed-heef steers, \$7.25@8.50; western steers, \$6.75@8.50; southern steers, \$6.75@8.50; southern steers, \$6.75@8.50; southern steers, \$6.25@8.00; cows, \$4.25@7.50; calves, \$6.50@11.00.

Sheep—Receipts, 2000. Market, steady, Lambs, \$7.35@7.90; yearlings, \$6.25@7.00; wethers, \$5.25@5.85; owes, \$4.75@5.40.

601 Providence building, Duluth, Minnesota.

Any stock on which this assessment may remain unpaid on the 20th day of October, 1513, will be delinquent and advertised for sale at public auction, and unless payment is made before will be sold at 331 Judge building, Sait Lake City, Utah, on November 20, 1913, to pay definquent assessment thereon, together with costs of advertising and expense of sale.

PALL M. THOMPSON, Secretary of the Saint Mary's Mining Company 661 Providence Building, Duluth, Minnesota. expressing their appreciation of the good qualities of this well known remedy. For sale by all dealers, (Advertisement.)

Utah State National Bank SALT LAKE CITY, UTAH

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BIG JUMP MADE IN NEVADA CON. PROFITS

Reports required from mining comanies by the provisions of the bullion tax law have been filed with J. F. Miles, assessor of White Pine county, by the Nevada Consolidated and Giroux Consolidated companies covering the last quarter of the year 1913, says the Ely Expositor. The Nevada Consolidated report shows net profits of \$684,261.49, on which the buillion tax will amount to \$14,780.09. The Giroux report shows that operations have been unprofitable and that the costs of production exceeded the gross yield from the ore by \$18,890. How much these figures may be affected by the overlapping of periods cannot be learned from the reports, but it may be that there are factors not shown which would affect them. quarter of the year 1913, says the Ely Ex-

factors not shown which would affect them.

According to the report of the Nevada Consolidated the reduction or treatment cost of its ores was a fraction over 50 cents a ton, while the Giroux costs amounted to about \$1.40 a ton. The gross yield of Nevada Consolidated ore appears to be a little more than \$3.50 a ton, as compared to a little over \$2 a ton for Giroux ore.

The Nevada Consolidated report does not give the results of operations by months, but the Giroux report does, and is as follows.

October—Tons, 12,430; yield, \$27,200; extracting, \$11,558, \$9; transportation, \$40,89; reduction, \$14,381,92; deficit, \$2754.68.

November—Tons, 12,250; yield, \$21,456; extracting, \$9045.09; transportation, \$4429.01; reduction, \$19,505.11; defict, \$11,823.12.

December—Tons, 12,236; yield, \$23,263; transportation

\$11,823.12.

December—Tons. 12.236, yield. \$29,263;
extracting. \$8677.05; transportation.
24810.42; reduction. \$20,188.23; deficit.
\$4312.30.

The Nevada Consolidated profits for the quarter, \$584,261.49, are more than the total for the two preceding quarters, which were: To June 30, \$274,984.62; to September 30, \$283,576.45.

The reports may be summarized as follows: NEVADA CONSOLIDATED

GIROUX CONSOLIDATED.

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J. A. Murray, Vice Pres. J. C. Lynch, Vice Pres. W. F. Earls, Cashler. E. A. Culbertson, Asst. Cashler. The National Bank of the Republic.

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